

What is claimed is:

1. A method for modulating angiogenesis in a cell, tissue, or subject comprising contacting a cell, tissue, or
5 subject with an agent which regulates the expression or activity of Shc thereby altering the production of VEGF or the expression of a modulator of angiogenesis so that angiogenesis in said cell, tissue, or subject is modulated.

2. The method of claim 1, wherein the modulator of
10 angiogenesis is fibroblast growth factor-2, angiopoietin-2, thrombospondin-1 or angiopoietin-1.

3. A method for preventing or treating an angiogenesis-related disease or process in a subject comprising administering to a subject an agent which
15 modulates the expression or activity of Shc thereby altering the production of VEGF or expression of a modulator of angiogenesis so that the angiogenesis-related disease or process in said subject is prevented or treated.

4. The method of claim 3, wherein the modulator of
20 angiogenesis is fibroblast growth factor-2, angiopoietin-2, thrombospondin-1 or angiopoietin-1.

5. A method for identifying an agent that modulates angiogenesis comprising contacting a first cell expressing Shc with a test agent and measuring the expression of a
25 modulator of angiogenesis in said first cell as compared to a second cell expressing Shc not contacted with the test agent, wherein a lower or higher measured activity in the first cell, as compared to the measured activity in the second cell is indicative of an agent which modulates
30 angiogenesis.

6. The method of claim 3, wherein the modulator of angiogenesis is VEGF, fibroblast growth factor-2, angiopoietin-2, thombrospodin-1 or angiopoietin-1.

7. An agent identified by the method of claim 6.